

## Define Custom List-item Markers, Bullets for UL, OL Lists

By default, the HTML UL element displays a bullet (•) in front of each LI list, and the OL element displays list items marked with numbers. This list-item markers can be removed, or replaced with other symbol /character, or with an image, using CSS properties.

- The examples contain the CSS and HTML code in the same place, but you should add the CSS code in the <head> section of your HTML document, or in external ".css" file.
- To remove the bullets from UL lists, or the numbering from OL lists, apply list-style: none; to that UL /OL.

```
<style type="text/css">
ul.nobull, ol.nobull {
  list-style: none;
}
</style>

<ul class="nobull">
  <li>Free Courses and Tutorials</li>
  <li>CSS lessons</li>
</ul>
<ol class="nobull">
  <li>http://CoursesWeb.net/</li>
  <li>http://www.Marplo.net/</li>
</ol>
```

Results:

```
Free Courses and Tutorials
CSS lessons
http://CoursesWeb.net/
http://www.marplo.net/
```

## Custom Markers / Bullets

1. To display a custom marker / bullet for UL / OL lists, apply list-style: none; to that UL /OL. And set the ":before" pseudo-class to the LI of that UL /OL, with the "Hex code" for custom bullet to content property (the symbol must be specified in Code Hex notation).
- To this page: <http://coursesweb.net/html/html-symbol-entities> there are tables with various HTML code hex entities.
- In the body of ":before" pseudo-class you can set the color, size, and other styles for the custom bullet.

```
<style type="text/css">
ul.bull1, ol.bull2 {
  list-style: none;
}
ul.bull1 li:before {
  content: '\00BB'; /* code Hex notation */
  padding-right: 8px;
  color:#0000be;
}
ol.bull2 li:before {
  content: '\272C'; /* code Hex */
  padding-right: 8px;
  color:#00be00;
}
</style>

<ul class="bull1">
  <li>Free Courses and Tutorials</li>
  <li>CSS course</li>
```

```

<li>CSS lessons</li>
</ul>
<ol class="bull12">
  <li>http://CoursesWeb.net/</li>
  <li>http://www.MarPlo.net/</li>
</ol>

```

Results:

- » Free Courses and Tutorials
  - » CSS course
  - » CSS lessons
- ★ http://CoursesWeb.net/  
★ http://www.MarPlo.net/

2. Another way to display a custom bullet for UL / OL lists, is to replace the bullet with an image, using the: list-style-image: url('image.jpg'); property to that UL /OL.

```

<style type="text/css">
ul.imgbull, ol.imgbull {
  list-style-image: url('image.jpg');
}
</style>

<ul class="imgbull">
  <li>Free Courses and Tutorials</li>
  <li>CSS course</li>
  <li>CSS lessons</li>
</ul>
<ol class="imgbull">
  <li>CoursesWeb.net</li>
  <li>Marpllo.net</li>
</ol>

```

Demo:

- ✿ Free Courses and Tutorials
- ✿ CSS course
- ✿ CSS lessons
- ✿ [CoursesWeb.net](#)
- ✿ [MarPlo.net](#)

## list-style-type

- By default, the OL element displays a numbered list, starting from 1 (1, 2, 3, ...). To set another type of numbering, like letters, roman, etc.; use the list-style-type property to that OL.

This property specifies the type of list-item marker.

- To start the numbering from other index, add start="index" attribute in the OL tag.

```

<style type="text/css">
ol.numlatin {
  list-style-type: upper-latin;
}
ol.numdec {
  list-style-type: decimal-leading-zero;
}
</style>
- Lists with upper latin letters.
<ol class="numlatin">
  <li>Free Courses and Tutorials</li>
  <li>CSS course</li>
  <li>CSS lessons</li>

```

```

</ol>
- Starts the numbering from the 3rd index, with decimal leading zero.
<ol class="numdec" start="3">
  <li>MarPlo.net</li>
  <li>Google.com</li>
  <li>CoursesWeb.net</li>
</ol>

```

Demo:

- Lists with upper latin letters.

- A. Free Courses and Tutorials
- B. CSS course
- C. CSS lessons

- Starts the numbering from the 3rd index, with decimal leading zero.

- 03. MarPlo.net
- 04. Google.com
- 05. CoursesWeb.net

• Here is other types of list-item marker; values for list-style-type property.

- IE9 and Opera 11 do not support: *cjk-ideographic*, *hebrew*, *hiragana*, *hiragana-iroha*, *katakana*, and *katakana-iroha*.

- **none** - the marker is removed.
- **inherit** - the value is inherited from parent element.
- **circle** - the marker is a circle.
- **disc** - filled circle, bullet. Default for <ul> (•).
- **square** - the marker is a square.
- **cjk-ideographic** - plain ideographic numbers.
- **decimal** - the marker is a number. This is default for <ol> (1, 2, 3, ...).
- **decimal-leading-zero** - number with leading zeros (01, 02, 03, ...).
- **georgian** - traditional Georgian numbering.
- **hebrew** - traditional Hebrew numbering.
- **hiragana** - traditional Hiragana numbering.
- **hiragana-iroha** - traditional Hiragana iroha numbering.
- **katakana** - traditional Katakana numbering.
- **katakana-iroha** - traditional Katakana iroha numbering.
- **lower-alpha** - the marker is lower-alpha (a, b, c, ...).
- **lower-greek** - the marker is lower-greek.
- **lower-latin** - the marker is lower-latin (a, b, c, d, ...).
- **lower-roman** - the marker is lower-roman (i, ii, iii, iv, ...).
- **upper-alpha** - the marker is upper-alpha (A, B, C, ...).
- **upper-latin** - the marker is upper-latin (A, B, C, ...).
- **upper-roman** - the marker is upper-roman (I, II, III, IV, ...).

## list-style-position

By default, the list-item markers appear outside the content flow. To display the list-item markers /bullets inside the content flow, apply the: list-style-position: inside; property to UL /OL item.

This property specifies if the list-item markers should appear inside or outside the content flow. It can take one of these values: inside, outside, inherit .

```

<style type="text/css">
ul li, ol li {
  border: 1px solid blue;
}
ul.insbull, ol.insbull {
  list-style-position: inside;
}
</style>

```

```
<ul>
  <li>List 1</li>
  <li>List 2</li>
</ul>
- List-item markers inside the content flow.
<ul class="insbull">
  <li>Free Courses and Tutorials</li>
  <li>CSS course</li>
  <li>CSS lessons</li>
</ul>
<ol class="insbull">
  <li>MarPlo.net</li>
  <li>CoursesWeb.net</li>
</ol>
```

Demo:

- List 1
- List 2

- List-item markers inside the content flow.

- Free Courses and Tutorials
  - CSS course
  - CSS lessons
1. [MarPlo.net](#)
  2. [CoursesWeb.net](#)